

## NEW JERSEY



## AVIATION NEWS

**Jim Florio**  
Governor

**Tom Downs**  
Commissioner

## Six to receive FAA education awards

New Jersey was well represented among the winners of the 1990 FAA Administrator's Championship Awards for Excellence In Aviation Education.

FAA Administrator James B. Busey announced that four of the 20 national awards and two regional awards went to New Jersey citizens or organizations. The recipients are:

**Ken Davis**, Highland Park, a science teacher who has done extensive work with youth using aviation principles and hands-on teaching methods;

**Gerard Morano**, Newark, a teacher who developed a plan to build a Piper Cub from plans in the school shop class and did extensive work in career awareness;

**Fred Cappello**, state education official, who developed a program of aviation education workshops for teachers and guidance counselors as well as aviation career orientation programs throughout the state;

**Aviation Hall of Fame of New Jersey**, Youth Programs, Teterboro Hall of Fame, guided by H.V. "Pat" Reilly, who has had over 140,000 youngsters visit Teterboro Airport to see the rich aviation heritage of New Jersey.

The two regional awards went to:

**Bendix Aerospace Division**, **Allied Signal Corp.**, Teterboro, which has consistently supported aviation education activities through professional classroom presentations, tours and information materials.

**Jerry Iacona**, Hamilton Township, Mercer County, teacher who motivates students through aviation and the Young Astronauts Program.



## South Jersey Airport sports new apron

*The new \$1.1 million apron and taxiway at the South Jersey Regional Airport in Lumberton was funded 90 percent by the federal government with 5 percent each from the state and the airport. More airport safety grants are listed on page 2.*

## John Coscia named head of new Aviation Advisory council

John Coscia, Executive Director of the Delaware Valley Regional Planning Commission, has been named chairman of the New Jersey Aviation Advisory Council.

Established at the direction of Commissioner Tom Downs, the Council held an orientation meeting January 23, and selected officers and adopted operating procedures on March 18.

The Council is made up of representatives of aviation organizations, local and county planning agencies, user businesses, state and federal agencies.

A primary purpose of the

Council is to provide advice and recommendations to the Commissioner on a wide range of aviation issues. Their basic objective will be to help maintain New Jersey's unique aviation resources and the economic and other benefits that accrue to the state and its residents while considering local issues and other impacts of the industry.

In addition to Coscia, the officers elected are: Vice Chairman, Phil Engle, Manager of Teterboro Airport, representing the American Association of Airport Executives and Secretary, William Leavens, Vice-Chairman of the Mid-Atlantic Aviation Coalition.



# DIRECTOR'S MESSAGE...

November 1990, was the start of what has proven to be more than nine months of intensive activity on New Jersey's aviation agenda. This agenda ranges from broad legislation and policy matters to the basic day-to-day job of airport grants and airport inspections.

The one item that I would especially like to bring to your attention is a new undertaking, the formation and first two meetings of the New Jersey Aviation Advisory Council. Details on the first meeting appear on page one, but the potential benefit of this Council cannot be too strongly emphasized. I was very encouraged by the individuals attending the initial meeting and their extremely positive attitudes.

Our 1991 version of the *Airport Directory* which covers all public-use facilities in the State of New Jersey is now available. Be sure to send for a copy. The details can be found below.

—Vincent Volpicelli  
Acting Director

## 1991 NJ Airport Directory available

The 1991 *New Jersey Airport Directory*, prepared by the New Jersey Department of Transportation's Office of Aviation, is now available in limited quantities. The goal is to provide one directory for each general aviation aircraft based in the state.

The directory is available to users free of charge. However, we require that you send a self-addressed envelope, minimum size of 5" X 9" with \$1.44 in postage affixed to it to:

NJ Department of Transportation  
Office of Aviation  
1035 Parkway Avenue, CN 610  
Trenton, New Jersey 08625

## Grants made to improve airport safety

Over \$2.2 million in federal and state airport safety grants have been awarded to 11 airports in New Jersey. The state's share was provided by the New Jersey Airport Safety Improvement Fund.

In order to receive airport safety funds, all runway/taxiway construction and related items must be constructed in accordance with plans and specifications produced by a licensed professional engineer and approved by the Office of Aviation.

The following airport projects have been approved for grants:

### Airport Safety Grants

July 1990 through March 1991

Airport	Federal	State	Local	Project
Hammonton		\$11,710		Engineering for security fencing and airport beacon
Marlboro		\$16,500		Install PAPI on Runway 27 approach
Old Bridge		\$51,000		Engineering for runway and taxiway and apron
Red Lion		\$4,400		Design for runway, taxiway and apron rehabilitation and runway widening.
Millville	\$384,364	\$21,354	\$21,354	Taxiway G, Runway 14 grooving, fencing, drainage and pavement study
Blairstown		\$15,790		Runway/taxiway rehabilitation & marking
So. Jersey Regional	\$1,023,562	\$56,865	\$56,865	Apron/taxiway rehabilitation; new taxiway; environmental assessment study
R.J. Miller	\$189,764	\$10,542	\$10,542	Airport Master Stormwater Drainage Plan
Sky Manor		\$16,000		Engineering/design for apron & taxiway improvement/ rehabilitation
Cape May	\$322,288	\$17,904	\$17,904	Airport rescue & fire fighting vehicle; airport property map, wetlands & archeological survey
Mercer County	\$64,328	\$3,573	\$3,573	Engineering design of new Taxiway E; airport signage plan
<b>TOTAL</b>	<b>\$1,984,306</b>	<b>\$225,638</b>	<b>\$110,238</b>	



## Meetings set for federal radionavigation plan users

The US Department of Transportation will be conducting open meetings for all users of US government-provided radionavigation systems, to provide inputs for developing policies for the 1992 plan. Federal radionavigation policies and plans are outlined in the 1990 DOD/DOT Federal Radionavigation Plan, single copies of which are available from the Volpe National Transportation Systems Center.

The following are types of nav aids to be discussed;

LORAN-C	VOR/DME
OMEGA	RADIOBEACONS
MLS/ILS	TRANSIT
GPS	

Date and location of meeting: November 19-20, 1991:  
Embassy Suites Hotel, Alexandria, Virginia.

For further information about the plan, contact:

Elisabeth J. Carpenter  
Volpe National Transportation Systems Center  
Center for Navigation (DTS-52)  
55 Kendall Square  
Cambridge, MA 02142-1093  
(617-494-2126)

About the conference, contact:

Volpe National Transportation Systems Center  
Attn: Radionavigation Users Conference  
Conference Office (DTS-930)  
Cambridge, MA 02142-1093  
(617-494-2307)



## New Jersey Notebook



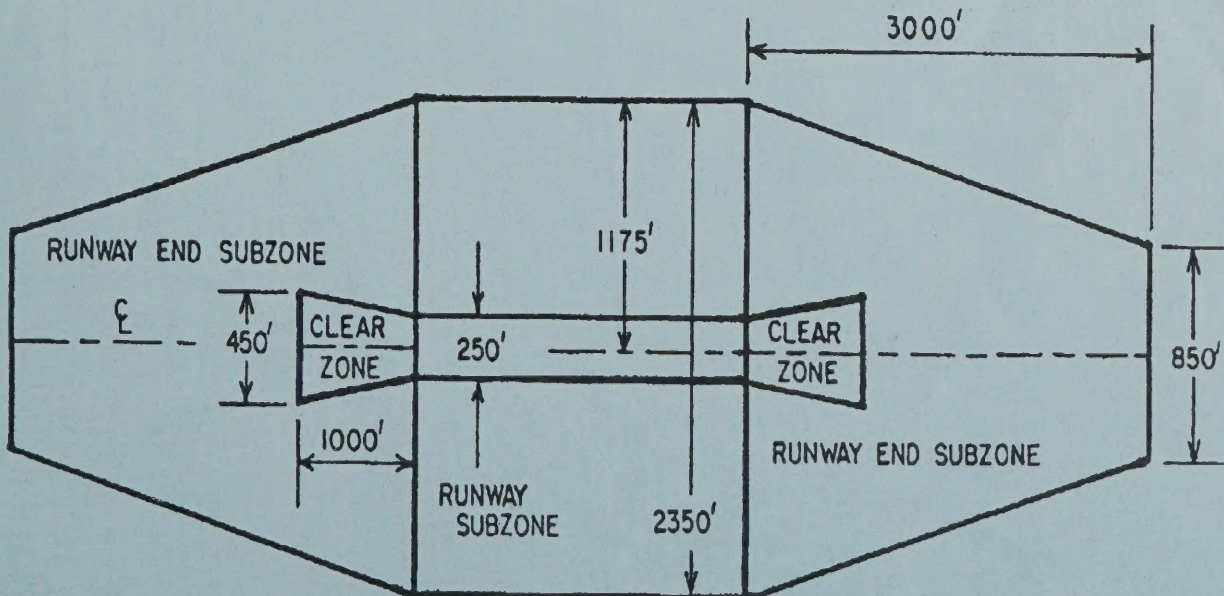
### Safety & Hazardous Zoning Act increases safety

The purpose of the New Jersey Air Safety and Hazardous Zoning Act of 1983 is to implement effective land use controls so that the areas around an airport are developed with compatible land uses. This principle protects the general public and also serves to protect aircraft operations by prohibiting construction of structures and incompatible land development which would interfere with aircraft operations into and out of airports.

New Jersey Administrative Code (N.J.A.C.) 16.62,

the regulations which implement the Act, describes the methodology used in delineating an airport safety (hazard) area. This area is to be established for each runway at most of the fixed wing public use airports in New Jersey. As detailed in the regulations, the safety area shall consist of a runway subzone, two runway end subzones and two clear zones.

Below is a graphic depicting the overall airport hazard safety area and its component parts.



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## Upcoming Events

**July 19, 20, 21: "Festival of Ballooning"** at Solberg Airport features balloon races, fireworks, WWII aircraft. Airshow on July 20 and 21. Call 201-534-4000 for information.

**August 2, 3, 4: "Flight Instructor Refresher Course"** by the AOPA Air Safety Foundation at the Sheraton Inn, off Route 17 north, Hasbrouck Heights. For more information and course enrollment, call 1-800-638-3101.

**August 23, 24, 25: "19th Annual Sussex Airshow"** at Sussex Airport features airshow at 2 PM each day and flybys, displays, exhibits, plus food. Call 201-875-7337.

**October 11, 12: "Ocean County Aviation Days"** at R. J. Miller Airpark features displays, exhibits, flybys, model aircraft and an airshow on October 12. Airshow raindate is October 13. Call 908-240-3520 for information.

## Leaded fuel use to end by 1995

The Environmental Protection Agency's (EPA) prohibition of leaded gasoline may severely affect general aviation. The Clean Air Act Amendments of 1990 will prohibit the manufacture and sale of any non-road engines which use leaded gasoline after model year 1992. It also prohibits the use of leaded fuels in gasoline engines by the end of 1995.

If the EPA's chief counsel determines it applies to aviation, the ruling will have very serious consequences throughout the piston engine fleet to the fuel suppliers, engine

manufacturers, engine overhaulers, and aircraft owners and operators.

If a modification kit can be made available, such modified engines will have less power. They will have to burn lower octane fuel than they were originally designed to use. The reduction in power and hence performance is something pilots will have to thoroughly understand and accept. Pilots and aircraft operators should closely follow the developments in this prohibition of leaded fuel for aircraft engines.

## CAP Cadets win championship

Congratulations are in order for 17 teenage New Jersey Wing Civil Air Patrol Cadets, the New Jersey Dragons, who were again declared national champions at the competition held in December at Maxwell AFB, Alabama.

This was only the second time in 41 years that New Jersey has won

and the only time New Jersey has won back-to-back national championships.

The intensive training to accomplish the feat took nearly a year and included a great deal of hard work and sacrifice during the training by not only the Cadets but also the adult leaders and trainers.

New Jersey  
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Office of Aviation  
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